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AGRICULTURAL MARKETING SERVICE
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United States Cotton Quality Report For Ginnings Prior To December 1, 1977

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Upland cotton ginned prior to December 1 this season was higher in grade but shorter in staple length than a year earlier, according to the Cotton Division, Agricultural Marketing Service, USDA. White grades 31 and higher accounted for 23 percent of ginnings so far this season, up from 16 percent a year earlier. Staples 33 and shorter comprised 35 percent of ginnings this season against 26 percent a year earlier and the largest proportion in these lengths since 1966. Average mike and fiber strength were higher than a year earlier. Upland cotton ginnings prior to December 1 totaled 11,663,500 running bales. This is equivalent to nearly 82 percent of the 1977 indicated crop and compares with 72 percent ginned prior to December 1 last year.

White grades 31 and higher accounted for almost 23 percent of upland ginnings prior to December 1 this season. This compares with 16 percent through the same period last year. Almost 30 percent of ginnings so far this season were grade 41, the smallest percentage in that grade since 1963. This compares with 43 percent last season. All White grades made up 73 percent of ginnings through November 30, the smallest proportion in the White grades since 1970. Through the same period last season, 77 percent of ginnings was in the White grades. Light Spotted grades made up 24 percent of ginnings against 18 percent a year earlier. Spotted and other Colored grades made up three percent against five percent. The average grade index was 93.3 (grade 31 = 100) up from 92.6 a year earlier and 93.0 two years ago.

Staples 31 and shorter comprised over 15 percent of upland ginnings prior to December 1. This was the largest proportion in these shorter lengths since 1970 and compares with 11 percent through the same period last year. Staples 32 and 33 accounted for 20 percent of ginnings, the largest proportion in these two lengths since 1965. Through the same period last season, 16 percent of ginnings was staples 32 and 33. Cotton stapling 34 and 35 comprised 53 percent of ginnings this season, the smallest proportion since 1967 and compares with 60 percent a year earlier. Staples 36 and longer made up 12 percent of ginnings this year against 14 percent a year earlier. The average staple length was 33.8 thirty-seconds inches against 34.0 a year earlier and 34.2 two years ago.

Average mike of upland cotton ginned prior to December 1 this season was 4.4, the highest average mike since 1973. Through the same period last year mike averaged 4.3 and two years ago averaged 4.2. Cotton in the 3.5-4.9 mike range accounted for 80 percent of ginnings compared with 82 percent last year. Cotton miking 3.4 and below made up four percent this season against seven percent a year earlier. Cotton miking 5.0 and higher comprised 16 percent of this season's ginnings. This was the largest proportion in this higher mike category since 1969 and compares with 11 percent a year ago.

Fiber strength of upland cotton ginned prior to December 1 this season averaged 87,500 pounds per square inch (psi), the highest since records began in 1966. A year ago, average strength was 87,000 psi. Cotton with strength of 90,000 psi and higher made up 34 percent of ginnings through November 30, the largest proportion since records began. A year earlier 90,000 psi and stronger made up 33 percent. Cotton with strength of 79,000 psi and lower comprised eight percent of ginnings, the smallest proportion on record, and compares with 11 percent a year ago.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	November 1-30				Season through November 30				Supply to December 1				Change in Supply 1977 from 1976	
		1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1,000 bales	Pct.	1,000 bales	Pct.
Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.	Bales	Pct.	Bales	Pct.
<u>White</u>															
G.M.	(11)	37	20	*	*	76	574	*	*	1	*	*	*	1	+100.0
S.M.	(21)	7,635	29,922	0.2	0.7	17,381	118,913	0.2	1.0	42	146	0.4	1.0	+104	+247.6
M.+	(30)	303	16,441	*	0.4	904	61,195	*	0.5	23	73	0.2	0.5	+50	+217.4
M.	(31)	489,168	870,245	12.5	20.8	1,184,661	2,467,778	15.5	21.2	1,688	2,771	15.2	19.2	+1,083	+64.2
S.L.M.+	(40)	169,509	348,873	4.3	8.4	380,890	846,693	5.0	7.3	711	1,130	6.4	7.8	+419	+58.9
S.L.M.	(41)	1,376,483	1,197,031	35.0	28.6	3,295,931	3,464,821	43.4	29.7	4,140	4,130	37.1	28.4	-10	-0.2
L.M.+	(50)	99,277	82,158	2.5	2.0	197,	985	273,802	2.6	455	474	4.1	3.3	+19	+4.2
L.M.	(51)	415,126	294,458	10.6	7.1	721,800	1,184,658	9.5	10.2	1,121	1,459	10.1	10.1	+338	+30.2
S.G.O.+	(60)	6,181	4,053	0.2	0.1	7,277	14,469	0.1	0.1	19	22	0.2	0.2	+3	+15.8
S.G.O.	(61)	49,991	45,996	1.3	1.1	77,130	119,827	1.0	1.0	159	181	1.4	1.3	+22	+13.8
G.O.+	(70)	147	103	*	*	147	185	*	*	1	*	1	*	+1	+100.0
G.O.	(71)	4,762	6,359	0.1	0.2	9,316	12,777	0.1	0.1	21	24	0.2	0.2	+3	+14.3
<u>Light Spotted</u>															
G.M.	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(22)	2,836	6,733	0.1	0.2	3,575	19,436	*	0.2	8	22	0.1	0.2	+14	+175.0
M.	(32)	290,847	544,633	7.4	13.0	374,146	1,026,303	4.9	8.8	550	1,187	4.9	8.2	+637	+115.8
S.L.M.	(42)	503,645	497,200	12.8	11.9	723,549	1,361,529	9.5	11.7	1,101	1,655	9.9	11.5	+554	+50.3
L.M.	(52)	159,592	139,980	4.1	3.4	237,292	399,336	3.1	3.1	411	518	3.7	3.6	+107	+26.0
<u>Spotted</u>															
G.M.	(13)	-	-	-	-	14	-	*	*	-	**	*	*	0	-
S.M.	(23)	2,052	561	0.1	*	2,152	1,466	*	*	5	6	*	*	+1	+20.0
M.	(33)	112,954	14,158	2.9	0.3	116,946	29,329	1.5	0.3	183	112	1.6	0.8	-71	-38.8
S.L.M.	(43)	145,781	31,053	3.7	0.7	158,519	125,979	2.1	1.1	262	264	2.4	1.8	+2	+0.8
L.M.	(53)	52,752	27,618	1.3	0.7	63,445	80,168	0.8	0.7	119	135	1.1	0.9	+16	+13.4
<u>Tinged 2/(24-54)</u>															
G.M.	(34)	27,072	1,631	0.7	*	27,400	6,259	0.4	*	60	52	0.5	0.4	-8	-13.3
S.M.	(35)	329	17	*	*	365	17	*	*	5	5	*	*	-4	-80.0
<u>Stained 2/(25-35)</u>															
<u>Light Gray</u>															
G.M.	(16)	-	-	-	-	-	-	*	*	-	-	*	*	-	-
S.M.	(26)	340	205	*	*	865	1,550	*	*	1	2	*	*	+1	+100.0
M.	(36)	1,878	2,373	*	0.1	6,525	10,379	0.1	0.1	9	13	0.1	0.1	+4	+44.4
S.L.M.	(46)	647	847	*	*	1,160	3,799	*	*	3	10	*	*	+7	+233.3
<u>Gray</u>															
G.M.	(17)	-	-	-	-	-	-	*	*	-	-	*	*	-	-
S.M.	(27)	-	-	-	-	-	-	*	*	36	-	**	**	0	-
M.	(37)	38	57	*	*	85	344	*	*	663	*	1	1	0	-
S.L.M.	(47)	65	97	*	*	106	663	*	*					0	-
<u>Below Grade 3/</u>															
All grades		8,732	13,846	0.2	0.3	14,246	31,207	0.2	0.3	40	55	0.4	0.4	+15	+37.5
1/		3,928,179	4,176,668	100.0	100.0	7,623,874	11,663,506	100.0	100.0	11,137	14,445	100.0	100.0	+3,308	+29.7
2/		Data for current season are preliminary.													
3/		Bales that are lower in grade than the lowest official standard for the corresponding color group.													
*		Less than 0.05 percent.													
**		Less than 500 bales.													

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent.

** Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	November 1-30				Season through November 30				Supply to December 1				Change in Supply 1977 from 1976	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1,000 bales	Pct.
Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	1,000 bales	Pct.
26 and shorter	236	117	*	*	415	305	*	*	1	1	*	*	-1	-100.0
28	4,113	2,338	0.1	0.1	4,851	4,756	0.1	*	21	6	0.2	*	-15	-71.4
29	40,079	18,701	1.0	0.4	46,721	44,325	0.6	0.4	118	63	1.1	0.4	-55	-46.6
30	259,035	215,206	6.6	5.2	313,434	509,558	4.1	4.4	537	633	4.8	4.4	+96	+17.9
31	351,361	606,937	8.9	14.5	445,707	1,234,940	5.8	10.6	638	1,397	5.7	9.7	+759	+119.0
32	280,929	681,398	7.2	16.3	416,944	1,166,537	5.5	10.0	631	1,422	5.7	9.8	+791	+125.4
33	339,978	374,113	8.7	9.0	780,564	1,129,031	10.2	9.7	1,137	1,457	10.2	10.1	+320	+28.1
34	904,680	538,024	23.0	12.9	2,131,437	2,114,375	28.0	18.1	3,129	3,000	28.1	20.8	-129	-4.1
35	1,260,068	1,128,034	32.1	27.1	2,430,159	4,073,760	31.9	34.9	3,500	4,807	31.5	33.3	+1,307	+37.3
36	470,119	577,928	12.0	13.8	1,022,801	1,313,079	13.4	11.3	1,341	1,536	12.0	10.6	+195	+14.5
37	15,428	29,809	0.4	0.7	28,030	66,341	0.4	0.6	67	101	0.6	0.7	+34	+50.7
38	878	650	*	*	1,289	1,646	*	*	13	10	0.1	0.1	-3	-23.1
39	379	1,166	*	*	444	1,505	*	*	**	2	*	*	+2	+200.0
40 and longer	896	2,247	*	*	1,078	3,348	*	*	4	11	*	0.1	+7	+175.0
All staples	3,928,179	4,176,668	100.0	100.0	7,623,874	11,663,506	100.0	100.0	11,137	14,445	100.0	100.0	+3,308	+29.7

1/ Data for current season are preliminary.
 * Less than 0.05 percent.
 ** Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	November 1-30		Season through November 30		Supply to December 1	
	1976	1977	1976	1977	1976	1977
Grade index (Mid. White=100)	91.7	93.6	92.6	93.3	92.2	92.8
Average staple, 32nd. inch	33.8	33.5	34.0	33.8	33.9	33.8
Rough preparation, percent	*	0.1	*	*	-	-
Tenderable, percent 2/	57.8	67.0	65.0	64.6	-	-
Average mike reading	4.2	4.3	4.3	4.4	-	-
Average fiber strength (Mpsi)	85.7	87.5	87.0	87.5	-	-

1/ Data for current season are preliminary.
 2/ Tenderable for grade, staple and mike in settlement of futures contracts.
 * Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to December 1, 1977 with 1976 comparisons, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Below 3.5		3.5-4.9		5.0 and above		Totals		Average mile Rdg.		
	1976		1977		1976		1977		1976		1977		1976		1977		1976		1977		1976		1977		1976		1977		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
N.C.	-	0.1	-	0.3	*	1.2	0.1	15.4	0.7	42.1	5.0	35.7	45.9	4.5	32.8	0.7	15.5	1.6	0.1	93.2	51.6	5.2	48.3	4.3	4.9				
S.C.	*	-	*	0.1	0.4	0.7	0.7	1.0	4.7	5.2	28.6	14.1	47.5	42.2	15.7	26.7	2.4	10.0	1.1	1.8	80.8	61.5	18.1	36.7	4.6	4.8			
Ga.	-	-	-	*	0.1	0.1	0.3	0.8	2.1	12.8	16.7	54.8	50.0	25.3	23.7	6.2	7.1	0.1	0.4	68.4	68.8	31.5	30.8	4.8	4.7				
Ala.	-	0.1	*	0.7	0.1	1.3	0.1	9.1	1.1	26.2	12.3	40.9	48.2	15.9	26.7	5.8	11.5	2.1	0.2	76.2	61.6	21.7	38.2	4.6	4.8				
Miss.	*	*	0.2	*	1.5	0.3	2.2	0.4	17.3	3.3	42.2	23.2	31.5	51.1	4.8	18.4	0.3	3.3	3.9	0.7	91.0	77.6	5.1	21.7	4.3	4.6			
Tenn.	*	-	0.5	*	2.4	*	3.2	0.2	24.5	4.5	39.5	20.6	27.0	45.1	2.6	17.9	0.3	11.7	6.1	0.2	91.0	70.2	2.9	29.6	4.2	4.7			
Mo.	*	-	0.5	-	4.0	*	6.2	0.3	35.0	5.1	40.0	20.8	13.2	37.4	1.1	24.2	*	12.2	10.7	0.3	88.2	63.3	1.1	36.4	4.0	4.7			
Ark.	*	*	0.1	*	1.1	0.2	1.8	0.3	12.7	3.0	31.4	18.5	36.1	52.8	12.5	21.0	4.3	4.2	3.0	0.5	80.2	74.3	16.8	25.2	4.5	4.7			
La.	-	*	*	0.1	0.7	0.6	1.1	0.8	7.4	3.2	28.6	12.0	44.0	46.6	14.6	30.0	3.6	6.7	1.8	1.5	80.0	61.8	18.2	36.7	4.5	4.8			
Okla.	*	-	0.3	0.2	0.6	1.3	0.9	2.2	6.3	13.2	18.8	32.6	33.8	37.0	21.2	10.5	18.1	3.0	1.8	3.7	58.9	82.8	39.3	13.5	4.8	4.4			
Tex.	0.8	*	2.8	0.5	6.3	2.5	5.9	3.5	22.0	20.3	29.0	36.1	23.0	27.7	7.7	6.7	2.5	2.7	15.8	6.5	74.0	84.1	10.2	9.4	4.1	4.3			
N.M.	0.4	-	2.0	0.3	5.3	1.8	6.6	3.2	37.4	31.5	41.1	54.6	6.8	8.0	0.4	0.6	*	*	14.3	5.3	85.3	94.1	0.4	0.6	3.9	4.0			
Ariz.	*	*	*	0.4	0.4	0.6	0.5	4.4	3.8	22.2	17.9	44.7	44.1	22.2	25.3	5.5	8.0	1.0	0.9	71.3	65.8	27.7	33.3	4.7	4.7				
Calif.	0.1	0.1	0.5	0.6	2.2	1.6	4.3	1.6	34.7	16.5	46.0	53.0	10.6	24.1	1.3	2.2	0.3	0.3	7.1	3.9	91.3	93.6	1.6	2.5	4.0	4.2			
Other	-	-	-	-	-	0.4	0.2	0.8	4.3	22.4	30.6	46.8	40.7	15.8	17.9	13.0	6.3	0.8	0.2	1.2	75.6	85.0	24.2	13.8	4.6	4.3			
U.S.	0.2	*	0.9	0.4	2.6	1.3	3.3	1.8	20.2	12.6	35.0	32.4	27.0	35.3	8.3	12.4	2.5	3.8	7.0	3.5	82.2	80.3	10.8	16.2	4.3	4.4			

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to December 1, 1977 with 1976 comparisons, by states 1/

State	Zero Gage Fiber Strength (Mpsi)												Average strength			
	64 & below		65-69		70-74		80-84		85-89		90-94		95-99		100 & above	
1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	
N. C.	-	-	0.1	-	0.4	0.1	6.8	1.8	41.2	15.8	41.6	48.1	9.8	29.2	0.1	5.0
S. C.	-	-	0.2	0.7	0.1	7.9	5.9	40.6	25.2	40.7	40.7	9.4	23.4	0.7	4.3	-
Ga.	-	-	-	1.9	1.4	13.1	11.3	38.9	31.0	35.5	36.1	10.1	16.5	0.5	3.5	*
Ala.	-	-	*	0.2	3.4	2.6	22.8	15.3	41.5	38.7	26.6	32.0	4.9	9.5	0.8	1.7
Miss.	-	-	*	*	0.1	0.7	3.0	6.5	24.4	35.6	45.1	38.9	23.2	15.2	3.8	3.0
Tenn.	-	-	*	0.5	0.2	8.9	7.6	44.4	31.8	37.9	40.5	8.2	17.4	0.1	2.3	-
Mo.	-	-	-	-	0.1	1.6	4.5	15.0	35.8	44.7	49.0	28.9	9.9	8.8	0.6	0.7
Ark.	-	-	*	0.1	0.4	3.5	7.2	26.2	32.5	41.1	41.5	23.0	15.8	5.5	2.3	0.6
La.	-	-	*	*	0.6	2.0	4.7	17.6	22.8	42.3	36.0	30.3	24.9	7.1	9.5	0.6
Okl.	-	-	-	0.2	0.8	1.7	8.1	17.0	36.8	31.5	41.2	32.0	11.8	13.6	1.1	3.4
Tex.	-	-	0.1	0.1	2.9	0.7	24.3	7.3	40.0	25.9	22.5	32.7	7.8	22.4	2.1	8.4
N. M.	-	-	*	-	0.8	0.2	5.5	0.9	9.5	4.2	17.6	17.3	26.7	34.7	26.3	27.6
Ariz.	-	-	0.1	*	1.1	0.8	17.0	7.5	51.0	27.4	25.2	40.3	4.7	18.6	0.9	4.3
Calif.	-	-	*	*	0.1	0.1	0.7	0.9	4.6	7.7	16.8	23.2	36.4	28.6	31.6	23.7
U. S.	-	-	*	*	1.0	0.7	9.8	6.9	27.1	25.9	29.2	32.8	19.7	20.4	10.3	9.1

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to December 1, 1977 with 1976 comparisons, by states 1/

State	White												Light Spotted												Grade index 2/			
	SM 21 & higher			M+ 30			M 31			SLM 40			LM+ 50			LM 51			SGO+ 60 & lower			M 32 & higher			SLM 42			
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.				
N.C.	-	-	0.1	-	1.0	0.7	1.8	0.6	51.8	28.1	13.4	7.0	17.1	32.4	0.7	4.9	-	-	0.9	0.2	8.9	15.0	1.2	7.4	3.1	3.3	* 0.4 91.0 87.6	
S.C.	0.1	0.2	-	-	4.7	3.5	3.1	1.0	42.4	34.5	8.6	4.4	14.3	22.2	1.5	2.4	0.3	*	5.0	2.0	10.7	17.7	3.2	8.6	6.0	3.2	0.1 0.3 91.3 89.1	
Ga.	*	*	*	-	0.8	1.8	0.3	0.9	35.1	23.3	5.6	1.9	29.3	9.1	1.8	1.0	*	*	1.3	5.6	18.1	32.7	6.1	11.5	1.5	11.4	0.1 0.8 88.9 88.1	
Ala.	0.1	0.1	*	-	5.2	1.9	3.0	0.3	52.6	14.1	4.1	0.4	11.0	3.3	1.1	0.2	*	0.2	2.8	5.5	12.0	36.5	3.0	10.8	4.9	25.6	0.2 1.1 91.5 86.7	
Miss.	0.2	*	*	*	8.6	2.0	1.9	1.5	56.2	33.8	3.8	4.3	20.0	35.9	2.3	5.0	*	*	0.9	0.5	4.1	9.1	1.4	5.9	0.4	1.4	0.2 0.6 91.7 88.2	
Tenn.	0.4	0.1	-	*	11.9	3.9	2.0	1.7	42.5	24.7	2.7	1.7	11.4	12.3	1.5	2.1	0.1	*	4.3	2.2	13.1	26.7	4.7	16.9	5.0	6.1	0.4 1.6 91.5 87.6	
Mo.	0.3	*	-	-	14.2	1.0	1.7	0.2	43.3	30.1	3.9	2.6	6.9	15.7	0.8	1.1	*	-	5.7	2.2	11.8	28.7	3.5	10.3	7.3	7.5	0.6 0.6 92.1 88.3	
Ark.	0.1	*	*	*	13.8	2.6	3.2	1.8	58.4	38.8	4.3	4.6	10.9	19.0	0.8	1.3	*	*	1.8	1.4	5.1	20.5	0.8	6.8	0.7	3.0	0.1 0.2 93.2 89.7	
La.	0.2	0.2	0.1	*	21.6	14.3	2.5	1.8	56.2	51.6	2.7	3.2	8.9	9.2	1.0	0.9	*	*	1.9	3.6	3.7	11.7	0.8	2.4	0.3	1.0	0.1 0.1 94.0 92.9	
Okla.	*	0.2	-	*	2.5	6.8	0.3	2.2	7.3	14.1	0.6	1.3	4.4	8.8	0.9	1.6	0.1	0.2	17.6	15.0	35.1	31.7	8.9	11.3	22.0	6.4	0.3 0.4 89.1 89.7	
Tex.	0.3	1.2	*	0.1	6.5	25.9	0.7	6.5	21.1	26.0	0.5	1.8	7.9	3.7	2.1	0.6	0.1	0.3	12.5	18.8	23.0	11.9	8.9	1.6	16.0	1.5	0.4 0.1 89.7 95.0	
N.M.	2.0	1.0	*	*	35.5	26.5	12.4	8.5	21.2	35.1	2.3	5.4	1.9	2.3	0.1	0.1	0.6	*	10.3	11.9	5.7	8.2	0.8	0.7	7.0	0.3	0.2 * 95.7 95.3	
Ariz.	0.6	0.8	-	0.8	32.8	21.7	5.1	3.1	38.6	50.8	1.3	1.6	3.2	5.7	0.3	0.8	0.1	0.1	10.5	5.0	6.0	6.9	0.8	1.4	0.5	0.9	0.2 0.4 95.6 94.2	
Calif.	0.2	2.6	*	2.3	26.3	44.2	13.5	21.1	50.3	21.0	2.4	1.1	4.8	2.2	0.3	0.2	*	0.1	0.4	2.5	1.1	1.9	0.3	0.5	0.4	0.3	* 95.3 97.3	
Other	2.5	2.4	-	1.6	7.9	3.8	5.3	0.4	63.3	33.2	2.2	4.6	9.2	20.4	0.5	0.4	-	-	1.1	0.6	7.4	18.5	0.3	12.4	0.3	1.7	-	- 93.5 89.6
U.S.	0.2	1.0	*	0.5	15.5	21.2	5.0	7.3	43.4	29.7	2.6	9.5	10.2	1.2	1.2	*	0.2	4.9	8.8	9.5	11.7	3.1	3.4	4.9	2.2	0.2 0.3 92.6 93.3		

1/ Data for current season are preliminary.

2/ Middling White equals 100.

* Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to December 1, 1977 with 1976 comparisons, and total ginnings, by states 1/

State	Staple												Staple												Total			
	28 and shorter		29		30		31		32		33		34		35		36		37		38 and longer		Average staple <u>2/</u>		upland ginnings			
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales	Bales			
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977				
N.C.	-	-	-	-	-	-	-	-	-	-	0.2	0.5	4.9	18.4	54.1	67.0	40.2	14.0	0.6	0.1	-	-	35.4	34.9	64,112	48,240		
S.C.	-	-	-	-	-	-	*	*	0.2	0.2	2.1	11.0	9.9	60.2	46.5	27.4	38.1	1.2	3.1	*	0.1	35.2	35.3	120,711	89,287			
Ga.	-	-	-	-	-	*	0.2	0.1	2.5	1.3	26.5	34.0	44.2	63.0	26.3	1.6	0.3	*	-	-	34.6	33.9	151,077	51,028				
Ala.	-	-	*	*	0.1	*	0.3	0.6	4.8	31.5	42.4	48.9	45.0	18.4	7.3	0.6	0.1	*	*	*	*	33.9	33.5	283,174	237,449			
Miss.	-	-	-	-	*	*	*	*	0.5	*	12.9	1.4	64.3	21.5	21.7	68.2	0.6	8.8	*	0.1	-	*	34.1	34.8	1,052,885	1,537,978		
Tenn.	-	-	-	-	*	0.1	0.1	2.2	1.8	41.2	37.5	50.9	56.1	5.2	4.5	0.4	*	*	*	*	-	-	33.6	33.6	194,912	245,020		
Mo.	-	*	-	-	*	*	0.1	0.2	6.7	4.3	58.7	51.0	33.2	43.3	1.3	1.2	-	-	-	-	*	*	34.3	34.4	153,048	224,398		
Ark.	-	-	-	*	*	*	*	0.4	*	8.8	0.8	60.0	23.8	30.0	69.2	0.8	6.2	*	*	*	-	*	34.2	34.8	712,717	1,001,562		
La.	-	-	-	*	*	-	0.2	-	1.9	*	16.9	0.4	51.2	28.1	29.2	68.3	0.6	3.2	*	*	-	*	34.1	34.7	517,915	608,605		
Okla.	0.8	*	5.6	0.2	31.4	3.1	28.8	13.9	19.0	31.5	6.2	28.8	3.5	15.0	3.9	4.9	0.8	2.4	-	0.2	-	-	31.2	32.6	132,698	234,883		
Tex.	0.2	0.1	2.3	1.0	15.8	11.6	23.7	27.7	21.3	24.6	17.4	18.2	14.3	13.6	3.7	2.4	0.9	0.6	0.4	0.2	*	*	32.0	32.0	1,715,887	4,329,487		
N.M.	0.2	*	0.9	*	2.2	0.5	2.1	1.8	1.6	3.7	0.9	2.4	3.3	2.3	8.5	7.4	48.3	42.5	30.9	38.4	1.1	1.0	35.8	35.9	48,139	124,113		
Ariz.	-	*	*	*	0.1	*	0.1	0.2	0.4	0.6	1.3	13.8	27.9	78.4	66.5	6.6	2.6	0.3	0.6	0.1	0.5	34.9	34.7	564,206	705,132			
Calif.	-	*	-	*	-	*	*	0.1	0.1	0.4	1.8	6.7	52.6	50.0	45.4	42.7	0.1	0.1	-	*	35.4	35.4	1,904,615	2,223,044				
Other	-	-	-	-	-	-	-	-	0.3	-	10.3	7.3	48.8	58.8	34.7	26.7	5.9	7.2	-	-	*	34.4	34.3	7,778	3,280			
U.S.	0.1	*	0.6	0.4	4.1	4.4	5.8	10.6	5.5	10.0	10.2	9.7	28.0	18.1	31.9	34.9	13.4	11.3	0.4	0.6	*	*	34.0	33.8	7,623,874	11,663,506		

1/ Data for current season are preliminary.2/ Expressed in thirty-seconds of an inch.

* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to December 1, 1977 with 1976 comparisons, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.	1976 Pct.	1977 Pct.
North Carolina	5.8	7.4	0.2	-	*	*	6.0	7.4
South Carolina	11.1	12.0	0.3	0.1	*	*	11.4	12.1
Georgia	1.5	8.1	7.1	0.2	*	0.1	8.6	8.4
Alabama	9.1	3.5	*	0.8	-	*	9.1	4.3
Mississippi	7.5	6.3	0.5	1.3	*	*	8.0	7.6
Tennessee	10.5	3.8	0.2	1.0	0.1	*	10.8	4.8
Missouri	1.1	0.5	0.2	0.7	*	*	1.3	1.2
Arkansas	2.9	3.5	0.1	0.3	*	*	3.0	3.8
Louisiana	6.0	6.6	1.2	0.7	*	*	7.2	7.3
Oklahoma	1.0	1.9	14.2	12.7	-	*	15.2	14.6
Texas	1.7	3.2	23.3	1.4	*	*	25.0	4.6
New Mexico	0.7	1.1	3.6	0.7	*	0.1	4.3	1.9
Arizona	2.3	2.3	0.7	1.3	*	0.1	3.0	3.7
California	2.9	2.9	0.2	0.1	*	0.1	3.1	3.1
Other	5.9	6.6	0.2	0.8	-	-	6.1	7.4
United States	3.9	3.7	5.9	1.2	*	*	9.8	4.9

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	November 1-30				Season through November 30			
		1976 Bales	1977 Bales	1976 Pct.	1977 Pct.	1976 Bales	1977 Bales	1976 Pct.	1977 Pct.
		Grade	Code						
1	(10)	-	-	-	-	-	-	-	-
2	(20)	821	-	2.8	-	1,028	101	3.0	0.2
3	(30)	8,404	7,029	28.3	16.4	10,505	13,729	30.9	23.5
4	(40)	17,158	29,513	57.8	68.8	18,466	36,302	54.5	62.0
5	(50)	2,747	5,845	9.3	13.6	3,423	7,641	10.1	13.1
6	(60)	521	419	1.8	1.0	521	588	1.5	1.0
7	(70)	12	106	*	0.2	12	106	*	0.2
8	(80)	-	-	-	-	-	-	-	-
9	(90)	-	-	-	-	-	-	-	-
10	(00)	-	-	-	-	-	-	-	-
Total		29,663	42,912	100.0	100.0	33,955	58,467	100.0	100.0
<hr/>									
<u>Staple</u>									
40 and shorter		-	-	-	-	-	-	-	-
42		12	-	*	-	12	-	*	-
44		19,612	19,935	66.2	46.5	23,436	28,360	69.1	48.5
46		10,039	22,977	33.8	53.5	10,507	30,107	30.9	51.5
48 and longer		-	-	-	-	-	-	-	-
Total		29,663	42,912	100.0	100.0	33,955	58,467	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 10. Percentage distribution of micronaire readings for American Pima ginnings prior to December 1, 1977 with 1976 comparisons, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona		United States	
	1976	1977	1976	1977	1976	1977	1976	1977
2.4 and below	-	-	-	-	-	-	-	-
2.5	-	-	-	-	-	-	-	-
2.6	-	-	-	-	-	-	-	-
2.7	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	-
2.9	0.2	-	-	-	-	-	*	-
3.0	0.3	-	0.6	0.6	0.2	*	0.2	0.1
3.1	1.4	0.3	0.6	1.6	0.2	*	0.4	0.3
3.2	3.3	0.8	3.6	2.2	0.9	0.3	1.5	0.6
3.3	3.0	1.4	1.8	4.1	0.9	0.8	1.3	1.3
3.4	4.0	3.2	1.2	7.3	1.9	1.6	2.3	2.7
3.5	7.4	5.7	3.0	13.1	4.0	4.4	4.6	5.5
3.6	12.1	7.7	7.3	11.9	6.5	7.8	7.6	8.0
3.7	8.9	11.4	9.7	14.2	6.6	9.5	7.2	10.6
3.8	11.0	13.1	10.9	12.9	11.2	14.5	11.2	13.8
3.9	7.5	15.7	12.2	9.2	11.1	14.4	10.5	14.5
4.0	9.6	13.4	12.7	9.2	14.7	15.2	13.4	14.0
4.1	9.1	10.7	12.2	8.7	13.1	11.5	12.3	11.0
4.2	8.0	8.2	8.9	2.3	13.0	10.5	11.9	9.0
4.3	5.6	4.0	2.4	1.7	6.4	4.7	6.1	4.2
4.4	4.6	2.4	5.3	1.0	5.4	3.6	5.3	2.9
4.5	2.8	1.5	1.2	-	2.5	0.9	2.5	1.1
4.6	1.2	0.4	6.4	-	0.7	0.2	1.1	0.3
4.7	-	0.1	-	-	-	0.1	-	0.1
4.8	-	*	-	-	0.7	-	0.6	*
4.9	-	*	-	-	-	-	-	*
5.0 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	3.9	3.9	3.9	3.7	4.0	3.9	4.0	3.9

1/ Data for current season are preliminary.

* Less than 0.05 percent.

UNITED STATES DEPARTMENT OF AGRICULTURE
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Estimated grade and staple of upland cotton ginned in the United States prior to December 1, 1977 1/

Grade	Staple														All staples		
	Code	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer		
White:																	
G. M.	(11)	-	-	43	64	32	-	-	10	280	122	23	-	-	574	*	
S. M.	(21)	-	303	2,525	15,270	16,508	9,886	5,263	8,314	40,534	20,156	154	-	-	118,913	1.0	
M. +	(30)	-	24	34	539	1,144	841	644	2,840	35,607	19,490	32	-	-	61,195	0.5	
M.	(31)	64	1,432	15,177	164,889	366,413	266,754	193,758	267,089	784,640	397,586	9,136	60	231	54.9	2,467,778	
S. L. M. +	(40)	-	144	1,513	20,664	69,056	67,882	67,150	75,296	273,586	264,256	5,879	81	203	983	846,693	
S. L. M.	(41)	60	534	5,038	68,033	234,754	283,146	308,696	696,296	1,466,638	370,505	27,877	870	787	1,587	3,464,821	
L. M. +	(50)	-	13	323	3,366	12,585	17,112	19,519	51,583	125,877	36,282	5,080	36	13	13	273,802	
L. M.	(51)	-	33	474	5,354	22,237	34,243	69,689	279,363	658,884	110,344	3,968	69	-	-	1,184,658	
S. G. O. +	(60)	-	21	228	684	1,036	714	7,766	7,247	1,740	33	-	-	-	14,469	0.1	
S. G. O.	(61)	-	24	26	2,668	4,370	12,249	36,997	55,250	7,604	195	-	-	-	119,827	1.0	
G. O. +	(70)	-	-	11	43	-	69	31	20	-	-	-	-	-	185	*	
G. O.	(71)	-	-	96	442	886	1,545	5,733	3,682	380	-	-	-	-	12,777	0.1	
Light Spotted:																	
G. M.	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
S. M.	(22)	-	228	1,261	6,218	5,026	1,832	1,247	1,588	1,725	311	-	-	-	19,436	0.2	
M.	(32)	58	1,166	11,547	147,981	318,921	244,594	101,560	103,873	73,984	16,422	5,747	117	221	112	1,026,303	
S. L. M.	(42)	13	393	3,955	58,412	149,448	176,807	194,589	354,082	371,166	44,955	7,211	50	91	1,361,529	11.7	
L. M.	(52)	-	101	489	5,992	15,794	26,692	71,960	135,508	125,298	16,755	691	56	-	399,336	3.4	
Spotted:																	
G. M.	(13)	-	-	-	-	-	-	-	-	-	14	-	-	-	1,466	*	
S. M.	(23)	-	24	97	254	239	213	392	99	70	78	-	-	-	29,329	0.3	
M.	(33)	13	65	620	4,986	7,541	5,539	4,823	3,631	1,853	219	39	-	-	125,979	1.1	
S. L. M.	(43)	119	579	4,252	7,390	11,073	34,133	42,945	23,458	1,847	183	-	-	-	80,168	0.7	
L. M.	(53)	58	28	261	2,157	7,804	27,614	27,174	12,498	1,330	73	-	-	-	-	-	
Tinged:																	
S. M.	(24)	-	-	-	-	-	-	-	-	-	-	-	-	-	800	*	
M.	(34)	-	13	41	122	157	167	194	106	-	-	-	-	-	2,786	*	
S. L. M.	(44)	-	13	73	195	202	369	1,112	612	210	-	-	-	-	2,673	*	
L. M.	(54)	13	24	69	124	524	1,238	583	85	-	-	-	-	-	-	-	
Starred:																	
S. M.	(25)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
M.	(35)	-	-	-	-	-	-	-	-	-	17	-	-	-	17	*	
Light Gray:																	
G. M.	(16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
S. M.	(26)	-	-	-	-	-	-	-	-	-	-	-	-	-	1,550	*	
M.	(36)	-	25	37	88	52	419	451	557	50	11	-	-	-	10,379	0.1	
S. L. M.	(46)	-	-	21	45	264	1,004	1,428	999	38	-	-	-	-	3,799	*	
Gray:																	
G. M.	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
S. M.	(27)	-	-	-	-	-	-	-	-	-	-	-	-	-	36	*	
M.	(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	344	*	
S. L. M.	(47)	-	-	11	21	11	155	188	221	56	-	-	-	-	663	*	
Below Grade	26	65	176	859	1,231	4,045	8,381	11,234	4,879	302	9	-	-	-	31,207	0.3	
All grades	305	4,756	44,325	509,558	1,234,940	1,166,537	1,129,031	2,114,375	4,073,760	1,313,079	66,341	1,646	1,505	3,348	11,663,506	2/ 100.0	
Percent	*	*	*	0.4	4.4	10.6	10.0	9.7	18.1	34.9	11.3	0.6	*	*	*	100.0	

1/ Preliminary.

2/ As reported by the Bureau of the Census.

* Less than 0.05 percent.

Grade index.

Average staple.

Percentage of rough preparation.

Percent tenderable.

93.3

33.8

*

64.6

Estimated grade and staple of American Pima cotton ginned in the United States
prior to December 1, 1977 1/

Grade Code	Staple						All staples	
	40 and shorter	42	44	46	48	50 and longer		
	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Pct.</u>
1 (10)	-	-	-	-	-	-	-	-
2 (20)	-	-	76	25	-	-	101	0.2
3 (30)	-	-	6,433	7,296	-	-	13,729	23.5
4 (40)	-	-	16,310	19,992	-	-	36,302	62.0
5 (50)	-	-	5,005	2,636	-	-	7,641	13.1
6 (60)	-	-	456	132	-	-	588	1.0
7 (70)	-	-	80	26	-	-	106	0.2
8 (80)	-	-	-	-	-	-	-	-
9 (90)	-	-	-	-	-	-	-	-
10 (00)	-	-	-	-	-	-	-	-
All grades	-	-	28,360	30,107	-	-	58,467 <u>2/</u>	100.0
Percent	-	-	48.5	51.5	-	-		100.0

1/ Preliminary.

2/ As reported by the Bureau of the Census.

Average grade . . . 3.9

Average staple . . 45.0

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